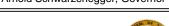
#### DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection Bay Area Branch

690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

# WELDING INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter **Report No:** WIR-019125 Address: 333 Burma Road **Date Inspected:** 21-Dec-2010

City: Oakland, CA 94607

**OSM Arrival Time:** 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

**CWI Name:** Xu tao **CWI Present:** Yes No Yes **Inspected CWI report:** N/A **Rod Oven in Use:** Yes No No N/A Yes N/A N/A **Electrode to specification:** No **Weld Procedures Followed:** Yes No N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No N/A **Delayed / Cancelled:** 

34-0006 **Bridge No: Component: OBG** Components

## **Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed. **BAY#19** 

SMAW welding of repair weld is identified as 2G-043 of BK004B1-001 for BK004B-001. The welder is identified as 259566. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-2G-Repair and B-WR19178.

SMAW welding of repair weld is identified as 1G-044 of BK004A1-014 for BK004A-014. The welder is identified as 0259566. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-1G-Repair and B-WR19183.

SMAW welding of repair weld is identified as 2G-043 of BK004A1-013 for BK004A-013. The welder is identified as 0259566. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-2G-Repair and B-WR19209.

ABF QC MT personnel performing Re MT of after heat straightening area fillet welds is in progress of BK004A-013 and BK004B-001.

ZPMC personnel start their repair work of UT rejected welds in suspender bracket is identified as SB106E, SB106W and SB104E, SB104W.

# WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Green tag issued for the following suspender bracket after NDT and VT carried out succefully.

SB		I stage		II stage
SB98E	012251		014949	
SB98W		014941		014957
SB102W		014946		014959

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK004A3-014-025,026 BK004A4-014-014,066 BK004A6-014-029,041,150,155 BK004A8-014-029,041,123,126

BK005A3-002-025,026 BK005A4-002-014,066 BK005A6-002-029,041,150,155 BK005A8-002-029,041,123,127

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.





## **Summary of Conversations:**

No relevant Conversation.

### **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

# WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Patel, Hiranch	QA Reviewer